

# SEQUENCE LISTING

<110> Ax, Roy L.  
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 Zhang, Huanmin

<120> FERTILITY PREDICTION OF MAMMALIAN MALES AND POLYCLONAL ANTIBODIES FOR THE PREDICTION THEREOF

<130> 240523US20

<160> 11

<170> PatentIn version 3.1

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 Met Pro Leu Pro Leu Ala Cys  
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 ctg ctg ctt ctc ctc ctc tcc acc cac agt gcc ctg gcc ctc aag atc 161  
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 aat gcc atg gat gtc att gtg aag gtc atc aaa cgc tgt gat atc ata 257  
 Asn Ala Met Asp Val Ile Val Lys Val Ile Lys Arg Cys Asp Ile Ile  
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Thr	Tyr	Lys	Glu	Gln	Tyr	Ala	Phe	Leu	Tyr	Lys	Glu	Lys	Leu	Val	Ser
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Ser	Val	Arg	Glu	Ile	Asp	Glu	Leu	Ala	Asp	Val	Tyr	Thr	Asp	Val	Lys
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Arg	Arg	Trp	Asn	Ala	Glu	Asn	Phe	Ile	Phe	Met	Gly	Asp	Phe	Asn	Ala
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 tcttgaagcc agagcagcac cagg atg tca cgg gag ctg gcc cca ctg ctg 171  
 Met Ser Arg Glu Leu Ala Pro Leu Leu  
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ctt ctc ctc ctc tcc atc cac agc gcc ctg gcc atg agg atc tgc tcc 219  
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atg gaa atc aag gac agc aac aac agg atc tgc ccc ata ctg atg gag 363  
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tac Tyr	aag Lys	gaa Glu	aag Lys	ctg Leu 110	gtg Val	tct Ser	gtg Val	aag Lys	agg Arg 115	agt Ser	tat Tyr	cac His	tac Tyr	cat His 120	gac Asp	507
tat Tyr	cag Gln	gat Asp	gga Gly 125	gac Asp	gca Ala	gat Asp	gtg Val	ttt Phe 130	tcc Ser	agg Arg	gag Glu	ccc Pro	ttt Phe 135	gtg Val	gtc Val	555
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tgg Trp	aag Lys	aac Asn	atc Ile 205	cgc Arg	ttg Leu	agg Arg	act Thr	gac Asp 210	ccc Pro	agg Arg	ttt Phe	gtt Val	tgg Trp 215	ctg Leu	atc Ile	795
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gac Asp 235	agg Arg	atc Ile	gtg Val	ctt Leu	aga Arg	gga Gly 240	caa Gln	aat Asn	att Ile	gtc Val 245	aac Asn	tct Ser	gtt Val	gtt Val	ccc Pro	891
aag Lys 250	tca Ser	aac Asn	agt Ser	gtt Val	ttt Phe 255	gac Asp	ttc Phe	cag Gln	aaa Lys	gct Ala 260	tac Tyr	aag Lys	ctg Leu	act Thr	gaa Glu 265	939
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Glu Ser Lys Gln Glu Asp Lys Asn Ala Met Asp Val Ile Val Lys Val  
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Ile Lys Arg Cys Asp Ile Ile Leu Val Met Glu Ile Lys Asp Ser Asn  
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Asn Arg Ile Cys Pro Ile Leu Met Glu Lys Leu Asn Arg Asn Ser Arg  
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Arg Gly Ile Thr Tyr Asn Tyr Val Ile Ser Ser Arg Leu Gly Arg Asn  
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Thr Tyr Lys Glu Gln Tyr Ala Phe Leu Tyr Lys Glu Lys Leu Val Ser  
 100 105 110

Val Lys Arg Ser Tyr His Tyr His Asp Tyr Gln Asp Gly Asp Ala Asp  
 115 120 125

Val Phe Ser Arg Glu Pro Phe Val Val Trp Phe Gln Ser Pro His Thr  
 130 135 140

Ala Val Lys Asp Phe Val Ile Ile Pro Leu His Thr Thr Pro Glu Thr  
145 150 155 160

Ser Val Lys Glu Ile Asp Glu Leu Val Glu Val Tyr Thr Asp Val Lys  
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His Arg Trp Lys Ala Glu Asn Phe Ile Phe Met Gly Asp Phe Asn Ala  
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Gly Cys Ser Tyr Val Pro Lys Lys Ala Trp Lys Asn Ile Arg Leu Arg  
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Thr Asp Pro Arg Phe Val Trp Leu Ile Gly Asp Gln Glu Asp Thr Thr  
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Val Lys Lys Ser Thr Asn Cys Ala Tyr Asp Arg Ile Val Leu Arg Gly  
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Gln Asn Ile Val Asn Ser Val Val Pro Lys Ser Asn Ser Val Phe Asp  
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